X6A Scientific Advisory Committee Meeting

Chi-Chang Kao Feb. 25, 2008





Importance of X6A program to the NSLS

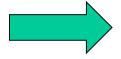
- Serve the Macromolecular crystallography community better
 - -Bring in Px expertise into NSLS
 - -Better understand the community needs and issues
 - -Facilitate relevant technical developments
 - -Planning for NSLS-II
- Integrate X6A program into life science programs at the NSLS





NSLS-II Update

- Successful CD-2 review
- Strategic planning workshops
- Beamline transition working group



Life sciences vision for NSLS-II





NIH Panel

- NCRR and NIGMS are convening a a working group for their advisory councils on April 28th
- Capabilities of and capacity needed for life sciences research at NSLS-II
- Include macromolecular crystallography; scattering and spectroscopy; and microscopy, microprobe and imaging





Opportunity to Develop X5 Straight

- Existing program on X5, LEGS, has ceased operation.
- Decommissioning of X5 has begin
- Preliminary study shows it is possible to install an NSLS in-vacuum undulator in X5 straight
- ■Possible options so far:
 - ■Materials program micro-diffraction
 - ■Macromolecular crystallography program— additional ID for structure biology. NY Structural Biology Center is a potential partner





X5 Straight Section

